

WATERFALL FOR ANTIVIRUS UPDATER

SECURE TRANSFER OF ANTIVIRUS UPDATES

The Waterfall for Antivirus Updater connector enables safe antivirus updates for critical systems in operational technology (OT) networks. Opening paths through IT/OT firewalls, to allow deployment of antivirus updates, is high risk, as all connections through firewalls introduce potential attack opportunities.

Waterfall for Antivirus Updater connectors are based on Waterfall's Unidirectional Gateway technology. The Updater connectors enable safe IT/OT integration and seamless integration with Antivirus servers. By deploying the Waterfall for Antivirus Updater connectors, businesses eliminate the risk of targeted and other cyber attacks entering operations control systems and networks.

Waterfall for Antivirus Updater connectors are simple to install, with user-friendly, web-based configuration and monitoring tools. Comprehensive diagnostics include real-time alarms that alert users of fault conditions via Syslog, Windows logs, email, SNMP traps, log files and Waterfall's monitoring console.

BENEFITS OF USING WATERFALL FOR ANTIVIRUS UPDATER



Hardware-enforced unidirectional transfer of antivirus updates into operations networks



Simple deployment – the connector runs entirely in the Unidirectional Gateway with a simple web user interface



Eliminates remote control cyberattacks and online malware propagation



Facilitates compliance with NERC CIP, NIST 800-82, ANSSI, IEC 62443 and more



Seamless integration dramatically reduces need for removable media



Power



Pipelines



Rail



Water



Facilities



Manufacturing

WATERFALL FOR ANTIVIRUS UPDATER

Waterfall for Antivirus Updater enables seamless antivirus signature updates for operations networks, while eliminating the risk of remote command and control, malware, and other attacks on those networks. The Antivirus updater supports all major antivirus vendors including Trend Micro, Norton™, OPSWAT, FortiGate, Check Point, and McAfee.

On an enterprise network, the Waterfall software is a client of the vendor's antivirus repository, and fetches update files regularly. On the industrial network, the Waterfall software receives the replicated updates through the unidirectional fiber-optic link and then pushes the updates to the industrial antivirus server for OT distribution. Waterfall Unidirectional Gateway hardware is deployed between enterprise and OT networks and is physically able to send information into operations networks. It cannot send information back out. This hardware blocks even the most sophisticated command-and-control connections and remote-control attacks. Waterfall addresses the need to automate the management of antivirus updates, while providing absolute protection to OT networks.

FULLY- FEATURED & ROBUST SUPPORT:

- » Supports all major antivirus vendors
- » Supports Waterfall Unidirectional Gateway and FLIP hardware
- » Validates updates prior to entering operations networks
- » Minimal changes required to existing infrastructure
- » Standard 1-10Gbps throughput with high-availability options

INFO@WATERFALL-SECURITY.COM

WWW.WATERFALL-SECURITY.COM

ABOUT WATERFALL

Waterfall Security Solutions' unbreachable OT cybersecurity technologies keep the world running. For more than 15 years, the most important industries and infrastructure have trusted Waterfall to guarantee safe, secure, and reliable operations. The company's growing list of global customers includes national infrastructures, power plants, nuclear generators, onshore and offshore oil and gas facilities, refineries, manufacturing plants, utility companies, and more. Waterfall's patented Unidirectional Gateways and other solutions combine the benefits of impenetrable hardware with unlimited software-based connectivity, enabling 100% safe visibility into industrial operations and automation systems.

Waterfall's products are covered by U.S. Patents 7,649,452, 8,223,205, and by other pending patent applications in the US and other countries. "Waterfall", the Waterfall Logo, "Stronger than Firewalls", "In Logs We Trust", "Unidirectional CloudConnect", and "CloudConnect, and "One Way to Connect" are trademarks of Waterfall Security Solutions Ltd. All other trademarks mentioned above are the property of their respective owners. Waterfall Security reserves the right to change the content at any time without notice. Waterfall Security makes no commitment to update content and assumes no responsibility for any mistakes in this document. Copyright © 2023, Waterfall Security Solutions Ltd. All Rights Reserved. www.waterfall-security.com